



TFW

Practitioner's Docket No. 2003-IP-009464U1

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application

of \_\_\_\_\_  
Inventor(s)

for \_\_\_\_\_  
Title of Invention

**OR**

In re application of: Larry S. Eoff, et al.

Application No.: 0 10763,800

Group Art Unit: 1714

Filed: 1/24/04

Examiner: unknown

For: METHODS AND COMPOSITIONS FOR THE DIVERSION OF AQUEOUS  
INJECTION FLUIDS IN INJECTION OPERATIONS

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

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\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

**NOTE:** 37 C.F.R. 1.98(b):

(1) Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.

(2) Each U.S. patent application publication listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.

(3) Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.

(4) Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.

(5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.

**WARNING:** No extension of time can be had under 37 C.F.R. § 1.136 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

**NOTE:** The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the International Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

### **IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

**NOTE:** "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

**NOTE:** "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See also § 609, M.P.E.P., 8th Edition.

**NOTE:** "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

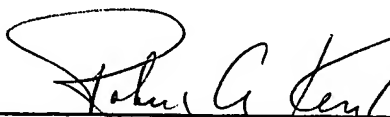
**NOTE:** "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**WARNING:** "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

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(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office  
Action [8-3]—page 3 of 3)



PTO-1449 Information Disclosure Citation in an Application	Application No. 10/763,800	Applicant(s): LARRY S. EOFF ET AL.	
	Docket Number 2003-IP-009464U1	Group Art Unit 1714	Filing Date 01/24/04

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.	5,597,783	01/28/97	Audibert. et al.	507	120	05/04/95
2.	5,637,556	06/10/97	Argillier, et al.	507	120	05/04/95
3.	5,720,347	02/24/98	Audibert, et al.	166	294	01/11/96
4.	4,814,096	03/21/89	Evani	252	8.554	08/01/83
5.	US 2005/0230116 US Pat. App. Ser. No. 11/183,028)	-	Nguyen, et al.	-	-	07/15/05

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 2004/094781	11/4/04	PCT	E21 B	43/26	X	
	WO 2003/056130	07/10/03	PCT	E21B	43/26	X	
	WO 2000/78890	12/28/00	PCT	C09K	7/02	X	

**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	XU, ET AL., MODELING OF LASER SPALLATION DRILLING OF ROCKS FOR GAS-AND OILWELL DRILLING, SPE 95746, 2005	
	GAHAN, ET AL., EFFECT OF DOWNHOLE PRESSURE CONDITIONS ON HIGH-POWER LASER PERFORATION, SPE 97093, 2005	
	GAHAN, ET AL., ANALYSIS OF EFFICIENT HIGH-POWER FIBER LASERS OF WELL PERFORATION, SPE 90661, 2004	
	PARKER, ET AL., WELL PERFORATION USING HIGH-POWER LASERS, SPE 84418, 2003	
	PARKER, ET AL., LASER DRILLING: EFFECTS OF BEAM APPLICATION METHODS ON IMPROVING ROCK REMOVAL, SPE 84353, 2003	
	BAI, ET AL., IMPROVED DETERMINATION OF STREE-DEPENDENT PERMEABILITY FOR ANISOTROPIC FORMATIONS, SPE 78188, 2002	
	PROETT, ET AL., ADVANCED PERMEABILITY AND ANISOTROPY MEASUREMENTS WHILE TESTING AND SAMPLING IN REAL-TIME USING A DUAL PROBE FORMATION TESTER, SPE 62919, 2000	
	PROETT, ET AL., ADVANCED DUAL PROBE FORMATION TESTER WITH TRANSIENT, HARMONIC, AND PULSED TIME-DELAY TESTING METHODS DETERMINES PERMEABILITY, SKIN AND ANISOTROPY, SPE 64650, 2000	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.